

SEQUENCE LISTING

GENERAL INFORMATION:

- (i) APPLICANT: Andrew C. Hiatt, Floyd Rose
- (ii) TITLE OF INVENTION: ENZYME CATALYZED TEMPLATE-INDEPENDENT CREATION OF PHOSPHODIESTER BONDS USING PROTECTED NUCLEOTIDES
- (iii) NUMBER OF SEQUENCES: 8
- (iv) CORRESPONDENCE ADDRESS:
- (A) ADDRESSEE: Lyon & Lyon
- (B) STREET: 633 West Fifth Street Suite 4700
- (C) CITY: Los Angeles
- (D) STATE: California
- (E) COUNTRY: U.S.A.
- (F) ZIP: 90071
- (v) COMPUTER READABLE FORM:
- (A) MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
- (B) COMPUTER: IBM Compatible
- (C) OPERATING SYSTEM: IBM P.C. DOS 5.0
- (D) SOFTWARE: Word Perfect 5.1
- (vi) CURRENT APPLICATION DATA:
- (A) APPLICATION NUMBER: 08/300,484
- (B) FILING DATE: September 1, 1994
- (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
- Prior applications total,
including application
described below: none
- (viii) ATTORNEY/AGENT INFORMATION:
- (A) NAME: Guise, Jeffrey W.
- (B) REGISTRATION NUMBER: 34,613
- (C) REFERENCE/DOCKET NUMBER: 207/145
- (ix) TELECOMMUNICATION INFORMATION:
- (A) TELEPHONE: (619) 552-8400
- (B) TELEFAX: (619) 552-0159
- (C) TELEX: 67-3510

Best Available Copy

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

CCCCCCCCC

9

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

GGGGGGGGG

9

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

CTGCA

5

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

CTGCATGCA

9

Best Available Copy

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

91
(A) LENGTH: 10
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

CTGCATGCAG

10

Best Available Copy